

Abstract of the Disclosure

A solenoid driver circuit includes an idling control portion for applying a very low voltage less than an activation threshold value to a solenoid from a switching circuit; a computing portion for computing the resistance value of the solenoid with the current value flowing through the solenoid and the applied voltage; and a constant-current control portion for maintaining the current flowing through the solenoid constant regardless of the temperature of the winding of the solenoid by controlling the output voltage from the switching circuit according to the resistance value. When the solenoid is activated, the supplied current is controlled constant irrespective of the temperature of the winding of the solenoid.